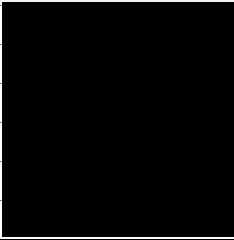


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																											
Kalamazoo River/Enbridge Spill		04/5/2012		HHMM																																													
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																												
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	04/05/2012 07:00																																										
		Position:		Operations Section Chief		To:	04/05/2012 17:00																																										
7. Personnel Roster Assigned																																																	
Name		ICS Position			DUTY CELL																																												
Dan Capone		Operations Section Chief																																															
Joe Victory		Operations Section Chief																																															
Rex Johnson		Deputy Director																																															
Dan Zahner		Field Team Lead																																															
Karen Berez		Monitoring Group Supervisor																																															
Jose Aguilera		CBM Team # 2																																															
8. Activity Log																																																	
Activity Area						LAT	LAT																																										
						Various	Various																																										
						(DD.MMMM)	(DD.MMMM)																																										
<u>OIL OBSERVED</u>		EXTENT OF OIL IMPACTED AREA																																															
		DENSITY OF OIL /SHEEN																																															
Total Collection Points																																																	
Total Boom Deployed																																																	
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Jose Aguilera and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (1) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile point 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0730 - 1700: START and NRG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> <th>ICE THICKNESS</th> <th>ICE FORMATION</th> <th>ICE FRAZZLE</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 C 0.0</td> <td>60.8</td> <td>59.1</td> <td>3.7</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 5.25 C 0.4</td> <td>56.2</td> <td>54.7</td> <td>2.5</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 10.00 C 3.2</td> <td>57.0</td> <td>57.2</td> <td>2.3</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 15.00 C 5</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 15.6 Culverts</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE	MP 2.25 C 0.0	60.8	59.1	3.7	-	-	-	MP 5.25 C 0.4	56.2	54.7	2.5	-	-	-	MP 10.00 C 3.2	57.0	57.2	2.3	-	-	-	MP 15.00 C 5	-	-	-	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-
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AFTER RAIN EVENT INSPECTION/WEEKLY TURBIDITY MONITORING AND SEDIMENT SAMPLING FOR UV ANALYSIS:

Talmadge Creek: (7) Pom-Poms deployed at:

ID numbers were changed to reflect actual locations.

~300' Upstream of MP 0.0 Non-impacted area Turbidity reading 7.64 NTU's

MP 0.04: Intact and looks good, no visible sheen, 5.16 NTU's.

MP 0.27: Intact and looks good, no visible sheen, 4.52 NTU's

MP 0.50: Intact and looks good, no visible sheen, 3.76 NTU's

MP 0.74: Intact and looks good, no visible sheen, 3.81 NTU's

MP 1.09: Intact and looks good, no visible sheen, 5.42 NTU's

MP 1.28: Intact and looks good, no visible sheen, 4.49 NTU's

MP 1.57: Intact and looks good, no visible sheen, 4.07 NTU's

MP 1.77: Intact and looks good, no visible sheen, 3.58 NTU's

MP 1.99: Intact and looks good, no visible sheen, 3.58 NTU's

MP 2.02: Intact and looks good, no visible sheen, 2.86 NTU's

STANDARD DAILY INSPECTIONS:

Talmadge Creek: (1) Control Point (CT) deployed at:

MP2.25 Confluence: CT Area of Sheen is 0' x 0' = 0 sq. ft.

Kalamazoo River: Control (CT) & Containment (CTM) Points (8) deployed are:

MP5.25 C 0.4 RDB: CTM Area of Sheen is 0' x 0' = 0 sq. ft.

NEW: MP5.75 (Ceresco Dam) CT Area of Sheen is 3' x 3' = 9' sq. ft (sheen, globules and tar balls visible between the RDB and the chevron boom).

MP8.50 L1 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.

MP8.50 L3 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.

MP8.75 R1 CTM Area of Sheen is 0' x 0' = 0 sq. ft.

MP9.00 I2 (8.97 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft.

MP10.75 L2 SO CTM Area of Sheen is 0' x 0' = 0 sq. ft.

MP11.75 L2 (11.79 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.

ADDITIONAL AREAS OF CONCERN:

Helicopter Fly-Over Pictures: Sheen Locations:

NONE

Total sheen in control points: 9 sq. ft.

Total sheen within containment: 9 sq. ft.

Total Sheen: 9 sq. ft.

**Health and Safety
Issues**

NONE

Comments

Turbidity monitoring and sediment sampling for UV analysis were conducted according to the commonly referred to as the "Talmadge Creek Spring Re-assessment Work Plan 2012".

